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AMENDMENTSIn the Claims

Please amend claims 13-23 as shown herein.

Claims 13-24 are pending and are listed following:

1-12. (canceled)

13. (currently amended) One or more computer readable media comprising computer executable instructions that, when executed, direct a computer to implement a method comprising:

receiving multiple nodes of a program tree as user-selected node inputs, each of the nodes specifying a declaration pointer and an operand pointer to another node;

storing the multiple nodes of the program tree that is a syntax-independent representation of a computer program such that the declaration pointers and the operand pointers interconnect the nodes to form the program tree;

identifying a syntax-independent programming intent represented as a first of the multiple nodes of the program tree ~~node of a data structure;~~

identifying a second ~~node of the data structure~~ of the multiple nodes of the program tree, the second node being referenced from the first node and containing data; and

identifying generating a unique name for code associated with the computer program represented by the syntax-independent programming intent.

1
2 14. (currently amended) One or more computer readable media as
3 recited in claim 13, further comprising computer executable instructions that,
4 when executed, direct the computer to implement the method further comprising
5 executing the ~~code~~ computer program identified by the unique name.

6
7 15. (currently amended) One or more computer readable media as
8 recited in claim 13 wherein the ~~code~~ computer program comprises low level
9 computational constructs.

10
11 16. (currently amended) One or more computer readable media as
12 recited in claim 13 wherein the ~~first node, the second node, and additional~~ multiple
13 ~~nodes of the data-structure~~ program tree comprise a hierarchical tree of nodes that
14 each represent ~~[[a]]~~ the syntax-independent programming intent.

1 **17. (currently amended)** A method of handling data, comprising:
2 receiving multiple nodes of a hierarchical tree that is a syntax-independent
3 representation of a computer program, each of the nodes received as user-selected
4 node inputs that specify a declaration pointer and an operand pointer to another
5 node;

6 storing the multiple nodes as a data structure such that the declaration
7 pointers and the operand pointers interconnect the nodes to form the hierarchical
8 tree;

9 reading a syntax-independent programming intent represented as a first
10 ~~node of a~~ of the multiple nodes of the hierarchical tree;

11 identifying a second ~~node of the multiple nodes~~ of the hierarchical tree, the
12 second node being referenced from the first node and containing data; and

13 ~~identifying generating~~ a unique name for ~~code associated with the computer~~
14 program represented by the syntax-independent programming intent.

15
16 **18. (currently amended)** A method as recited in claim 17 further
17 comprising executing the ~~code~~ computer program identified by the unique name.

18
19 **19. (currently amended)** A method as recited in claim 17 wherein
20 the ~~code~~ computer program comprises low level computational constructs.
21
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1 20. (currently amended) A method as recited in claim 17 wherein
2 the ~~first node, the second node, and additional~~ multiple nodes comprise the
3 hierarchical tree, and wherein each of the ~~first node, the second node, and the~~
4 ~~additional~~ multiple nodes ~~each~~ represent a programming intent.

5
6 21. (currently amended) One or more computer readable media as
7 recited in claim 13, further comprising computer executable instructions that,
8 when executed, direct the computer configured to maintain the program tree as a
9 data structure that includes ~~is a syntax-independent representation of a program,~~
10 ~~the data structure comprising:~~

11 ~~a first node received as an input and~~ the first of the multiple nodes
12 configured for display as a representation of ~~[[a]]~~ the syntax-independent
13 programming intent;

14 ~~a second node~~ the second of the multiple nodes having the data configured
15 for manipulation when implementing the syntax-independent programming intent;
16 and

17 wherein the first node has a unique identifier of the second node, and the
18 first node uniquely identifies ~~code~~ the computer program for implementing the
19 syntax-independent programming intent.

1 **22. (currently amended)** One or more computer readable media as
2 recited in claim ~~21 wherein one or more additional~~ 13, wherein the multiple nodes
3 of the program tree comprise a hierarchical tree of the multiple nodes that are ~~each~~
4 ~~received as an input and~~ configured for display as a representation of ~~[[a]]~~ the
5 syntax-independent programming intent, and wherein each of the ~~one or more~~
6 ~~additional~~ multiple nodes uniquely identify ~~each~~ the computer program for
7 implementing the ~~respective~~ syntax-independent programming intent.

8
9 **23. (currently amended)** One or more computer readable media as
10 recited in claim ~~22~~ 13 wherein the ~~one or more additional~~ multiple nodes comprise
11 nodes selected from multiple different computational constructs.

12
13 **24. (previously presented)** One or more computer readable media as
14 recited in claim 21, wherein the data structure further comprises:
15 a node type tag and unique identifier pointing to implementation code;
16 an optional data section; and
17 a list of offspring of the node identified by the node type tag and a list of
18 pointers to further nodes.